

## **ABSTRACT**

A restorable conductive elastic connector comprises: an element capable of being sucked by a sucking unit of a machining device; the element being transferred by the machining device to be adhered to a machining object to be as a conductive elastic connector. The sucking unit has an air channel. The air channel is extended with an outlet at a bottom of a sucking unit. The outlet has a tapered shape and the air channel has a sucking ability in negative pressure. The element is made of conductive helical spring, which is wound as a sandglass; that is, a waist portion is narrow than a top portion and a bottom portion. The element can be sucked to the tapered outlet of the sucking unit.